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PTO/SB/01 (12-97)

Approved for use through 9/30/00, OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	97P 8646
First Named Inventor	Beate Heimberg
<b>COMPLETE IF KNOWN</b>	
Application Number	09 / 530,653
Filing Date	May 3, 2000
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Product, particularly component of a gas turbine,  
with ceramic thermal barrier coating**

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY) **11/03/98**

as United States Application Number or PCT International

Application Number **PCT/US98/03207** and was amended on (MM/DD/YYYY) **12/99 & 01/00** (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
YES	NO			
19748537.5	DE	11/03/97	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US98/03207	11/03/98	

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Customer Number   OR  Registered practitioner(s) name/registration number listed below  Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

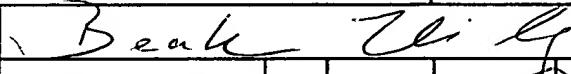
Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:  Customer Number  or Bar Code Label  OR  Correspondence address below

Name	Daniel C. Abeles			
Address	Eckert Seamans Cherin & Mellott, LLC			
Address	600 Grant Street - 44th Floor			
City	Pittsburgh	State	PA	ZIP 15129
Country	USA	Telephone	412-566-1295	Fax 412-566-6099

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])		Family Name or Surname		
Beate		Heimberg		
Inventor's Signature				Date 25.05.00
Residence: City	Mulheim a.d. Ruhr	State	Country DE	Citizenship DEX
Post Office Address	Veilchenweg 82			
Post Office Address	Mulheim a.d. Ruhr			
City	State	ZIP	D-45478	Country DE
<input checked="" type="checkbox"/> Additional inventors are being named on the 4 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto				

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 4

#### Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Wolfram

Family Name or Surname

Beeler

Inventor's Signature

Date

06.08.2000

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DEX

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D-40883

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#### Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

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Family Name or Surname

Kempter

Inventor's Signature

Date

6.29.2000

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#### Name of Additional Joint Inventor, if any:

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Given Name (first and middle [if any])

Ulrich

Family Name or Surname

Bast

Inventor's Signature

Date

29/06/2000

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 2 of 4

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

ThomasHaubold

Inventor's Signature

Thomas Haubold

Date

28/11/00

Residence: City

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Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

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Family Name or Surname

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Inventor's Signature

M. Hoffmann

Date

Residence: City

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D-76275

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Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

AxelEndriss

Inventor's Signature

Axel Endriss

Date

21/09/00

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D-70378

D-76133

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DE

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 4

Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Peter

Greil

Inventor's Signature



Date

04.07.00

Residence: City

Weisendorf

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Citizenship

Post Office Address

Am Hochstock 27

Post Office Address

Given Name (first and middle [if any])

Family Name or Surname

Chu-Wan

Hong

Inventor's Signature



Date

02.10.00

Residence: City

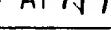
Stainz

Kirchhrenbach

State

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DE



Citizenship

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Given Name (first and middle [if any])

Family Name or Surname

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Aldinger

Inventor's Signature



Date

18.08.00

Residence: City

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Echingen

State

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DE



Citizenship

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Post Office Address

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Leinfelden-  
Echingen

State

ZIP

D-70771

Country

DE

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Hans J.		Seifert					
Inventor's Signature	<i>Hans J. Seifert</i>				Date	11.09.00	
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature					Date		
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature					Date		
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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**REGISTERED PRACTITIONER  
INFORMATION  
(Supplemental Sheet)**

Name	Registration Number	Name	Registration Number
Daniel C. Abeles	25,822	Darryl A. Smith	37,723
Brij K. Agarwal	43,507	Daniel J. Staudt	34,733
Adel A. Ahmed	29,606	Erik C. Swanson	40,194
Debra Z. Anderson	44,506	Alan G. Towner	32,949
I. Marc Asperas	37,274	Heather S. Vance	39,033
Stanton C. Braden	32,556	Michael J. Wallace, Jr.	44,486
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Tracy Lynn Hurt	34,188		
Mark H. Jay	27,507		
Stuart Kaler	35,913		
Rosa S. Kim	39,728		
David C. Jenkins	42,691		
William F. Lang IV	41,928		
Robert P. Lenart	30,654		
Peter A. Luccarelli, Jr.	29,750		
David Maire	34,865		
James Markarian	31,277		
Diane R. Meyers	38,968		
Jeffrey P. Morris	25,307		
Pasquale Mussachio	36,876		
John P. Musone	44,961		
Carl Napolitano	37,405		
Donald B. Paschburg	33,753		
Clifford A. Pastel	46,013		
David V. Radack	33,442		
Arnold B. Silverman	22,614		
Laura M. Slenzak	35,363		

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